

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

**Hurricane Tracking Lab**

**Directions:** Plot the coordinates of Hurricanes Katrina and Rita on the attached hurricane tracking map. Use a different color for each storm and label each dot with the numbers shown below (K1, K2, K3...). Identify the locations where the storms changed from tropical depressions to tropical storms and to hurricanes. Also, plot where the storms made landfall. Then create a line graph showing wind speed and time for both storms and a line graph showing air pressure and time for both storms.



**Tracking info for Hurricane Rita**

Time	Lat	Lon	Wind(mph)	Pressure	Storm type
R1 3am 09/18/05	22.0N	69.7W	30	1009	Tropical Depression
R2 3pm 09/18/05	22.0N	72.2W	35	1008	Tropical Depression
R3 3am 09/19/05	22.9N	73.3W	50	1002	Tropical Storm
R4 3pm 09/19/05	23.0N	75.2W	65	994	Tropical Storm
R5 3am 09/20/05	23.3N	77.8W	70	990	Tropical Storm
R6 3pm 09/20/05	23.8N	81.0W	85	982	Category 1 Hurricane
R7 3am 09/21/05	24.1N	83.2W	110	965	Category 2 Hurricane
R8 3pm 09/21/05	24.3N	85.9W	140	944	Category 4 Hurricane
R9 3am 09/22/05	24.6N	87.2W	175	897	Category 5 Hurricane
R10 3pm 09/22/05	25.4N	88.7W	165	907	Category 5 Hurricane
R11 3am 09/23/05	26.2N	90.3W	140	917	Category 4 Hurricane
R12 3pm 09/23/05	27.4N	91.9W	135	929	Category 4 Hurricane
R13 3am 09/24/05	29.1N	93.2W	120	931	Category 3 Hurricane
R14 3pm 09/24/05	31.0N	94.3W	75	960	Category 1 Hurricane

**Tracking info for Hurricane Katrina**

Time	Lat	Lon	Wind(mph)	Pressure	Storm type
K1 3am 08/24/05	23.4N	76.0W	35	1007	Tropical Depression
K2 3pm 08/24/05	24.7N	76.7W	40	1006	Tropical Storm
K3 3am 08/25/05	26.0N	78.0W	50	1001	Tropical Storm
K4 3pm 08/25/05	26.2N	79.3W	60	997	Tropical Storm
K5 3am 08/26/05	25.5N	80.7W	75	984	Category 1 Hurricane
K6 3pm 08/26/05	25.1N	82.2W	75	981	Category 1 Hurricane
K7 3am 08/27/05	24.6N	83.6W	105	965	Category 2 Hurricane
K8 3pm 08/27/05	24.5N	85.0W	115	940	Category 3 Hurricane
K9 3am 08/28/05	25.0N	86.2W	115	939	Category 3 Hurricane
K10 3pm 08/28/05	26.0N	88.1W	175	907	Category 5 Hurricane
K11 3am 08/29/05	27.6N	89.4W	160	904	Category 5 Hurricane
K12 3pm 08/29/05	30.2N	89.6W	125	927	Category 3 Hurricane
K13 3am 08/30/05	33.5N	88.5W	60	973	Tropical Storm
K14 3pm 08/30/05	36.3N	87.5W	35	985	Tropical Depression